

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: \$ Group Art Unit: 2643
 \$ Confirmation No.: 6417
 \$ Examiner: Tran, Quoc Duc
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 Serial No.: 10/763,082 \$ Attorney Docket No. AUS920030865US1
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 Filed: January 22, 2004 \$
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 \$ Intellectual Property Law Dept.
 Title: System and Method \$ 11400 Burnet Road
 for Providing Caller \$ Austin, Texas 78758
 Information Across
 Heterogeneous
 Networks

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5/30/2006
 Date

RESPONSE TO OFFICE ACTION

Sir:

A. INTRODUCTORY COMMENTS

In response to the Office Action having a mailing date of March 13, 2006, with a three-month shortened statutory period for response set to expire on June 13, 2006, Applicants respectfully request reconsideration of the outstanding rejections and reexamination of the present application in light of the following remarks and amendments.

No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and the undersigned hereby authorizes the Commissioner to charge any fees for this extension to Van Leeuwen & Van Leeuwen, Deposit Account No. 50-3754.

B. AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer implemented method of providing caller information, said method comprising: receiving a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;

retrieving one more caller attributes based upon the initiating caller number, wherein the caller attributes are selected from the group consisting of a name, an address, billing information, service preferences, a birth date, and a social security number; and

sending the caller attributes to a call recipient over a computer network, the call recipient corresponding to the call recipient number.
2. (Original) The method of claim 1 further comprising: sending a request that includes one or more requested caller fields, the requested caller fields corresponding to the initiating caller number.
3. (Original) The method of claim 2 further comprising: retrieving a call recipient agreement corresponding to the call recipient number;

selecting the requested caller fields included in the call recipient agreement; and

including the requested caller fields in the request.

4. (Original) The method of claim 2 wherein the request is received by a service control point, and wherein the service control point is adapted to retrieve the caller attributes from a line information database and send the retrieved caller attributes back to the requestor.
5. (Original) The method of claim 1 further comprising:
receiving an authorization request from an initiating caller prior to receiving the message, wherein the authorization request includes authorizations that identify one or more call recipients and caller data that are authorized to be sent to the identified call recipients, the initiating caller corresponding to the initiating caller number; and

storing the authorizations in an authorization table entry.
6. (Original) The method of claim 5 further comprising:
identifying one or more requested caller fields corresponding to the initiating caller number;

detecting whether one of the requested caller fields corresponds to sensitive caller data, the sensitive caller data corresponding to the initiating caller number;

checking one or more authorization table entries corresponding to the initiating caller number in response to the detecting;

determining whether the call recipient is authorized to receive the sensitive caller data in response to the checking;

including one or more of the requested caller fields in a request in response to the determination; and
sending the request to a service control point.

7. (Original) The method of claim 6 further comprising:
logging a caller data discrepancy in response to the determining, the caller data discrepancy including the requested caller fields corresponding to the sensitive caller data.
8. (Original) The method of claim 5 wherein the authorization request includes a PIN, the method further comprising:
retrieving a stored PIN; and

comparing the received PIN with the stored PIN wherein the receiving of authorizations is performed in response to successful comparison.
9. (Original) The method as described in claim 5 wherein at least one of the authorizations is selected from the group consisting of a birth date, billing information, and a social security number.
10. (Original) The method of claim 1 further comprising:
determining that a call recipient agreement does not exist corresponding to the call recipient;

retrieving a counter corresponding to the call recipient;

incrementing the counter; and

storing the incremented counter.

11. (Original) The method of claim 1 further comprising:
sending the telephone call to the call recipient over the
telephone network.
12. (Original) The method of claim 1 wherein the computer
network is a TCP/IP network.
13. (Original) The method of claim 12 wherein the TCP/IP
network includes the Internet.
14. (Cancelled)
15. (Currently Amended) An information handling system
comprising:
one or more processors;
a memory accessible by the processors;
one or more nonvolatile storage devices accessible by the
processors;
a telephone network;
a computer network; and
a caller information tool for providing caller information,
the caller information tool comprising software code
effective to:

receive a message corresponding to a telephone
call, wherein the message includes an initiating
caller number and a call recipient number, the
telephone call received over the telephone
network;

retrieve one more caller attributes from one of the nonvolatile storage devices based upon the initiating caller number, wherein the caller attributes are selected from the group consisting of a name, an address, billing information, service preferences, a birth date, and a social security number; and

send the caller attributes to a call recipient over the computer network, the call recipient corresponding to the call recipient number.

16. (Original) The information handling system of claim 15 wherein the software code is further effective to:
send a request that includes one or more requested caller fields, the requested caller fields corresponding to the initiating caller number.
17. (Original) The information handling system of claim 16 wherein the software code is further effective to:
retrieve a call recipient agreement corresponding to the call recipient number from one of the nonvolatile storage devices;

select the requested caller fields included in the call recipient agreement; and

include the requested caller fields in the request.
18. (Original) The information handling system of claim 16 wherein the request is received by a service control point, and wherein the service control point is adapted to retrieve the caller attributes from a line information

database and send the retrieved caller attributes back to the requestor.

19. (Original) The information handling system of claim 15 wherein the software code is further effective to:
receive an authorization request from an initiating caller prior to receiving the message, wherein the authorization request includes authorizations that identify one or more call recipients and caller data that are authorized to be sent to the identified call recipients, the initiating caller corresponding to the initiating caller number; and
store the authorizations in an authorization table entry located in one of the nonvolatile storage devices.
20. (Original) The information handling system of claim 19 wherein the software code is further effective to:
identify one or more requested caller fields corresponding to the initiating caller number;

detect whether one of the requested caller fields corresponds to sensitive caller data, the sensitive caller data corresponding to the initiating caller number;

check one or more authorization table entries located in one of the nonvolatile storage devices corresponding to the initiating caller number in response to the detecting;

determine whether the call recipient is authorized to receive the sensitive caller data in response to the checking;

include one or more of the requested caller fields in a request in response to the determination; and

send the request to a service control point.

21. (Original) The information handling system of claim 20 wherein the software code is further effective to:
log a caller data discrepancy in one of the nonvolatile storage devices in response to the determining, the caller data discrepancy including the requested caller fields corresponding to the sensitive caller data.
22. (Original) The information handling system of claim 19 wherein the authorization request includes a PIN, and wherein the software code is further effective to:
retrieve a stored PIN from one of the nonvolatile storage devices; and

compare the received PIN with the stored PIN wherein the receiving of authorizations is performed in response to successful comparison.
23. (Original) The information handling system as described in claim 19 wherein at least one of the authorizations is selected from the group consisting of a birth date, billing information, and a social security number.
24. (Original) The information handling system of claim 15 wherein the software code is further effective to:
determine that a call recipient agreement does not exist corresponding to the call recipient;

retrieve a counter corresponding to the call recipient from one of the nonvolatile storage devices;

increment the counter; and

store the incremented counter in one of the nonvolatile storage devices.

25. (Original) The information handling system of claim 15 wherein the software code is further effective to:
send the telephone call to the call recipient over the telephone network.
26. (Original) The information handling system of claim 15 wherein the computer network is a TCP/IP network.
27. (Original) The information handling system of claim 12 wherein the TCP/IP network includes the Internet.
28. (Cancelled)
29. (Currently Amended) A computer program product stored on a computer operable media for providing caller information, said computer program product comprising software code effective to:
receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;

retrieve one more caller attributes based upon the initiating caller number, wherein the caller attributes are selected from the group consisting of a name, an address, billing information, service preferences, a birth date, and a social security number; and

send the caller attributes to a call recipient over a computer network, the call recipient corresponding to the call recipient number.

30. (Original) The computer program product of claim 29 wherein the software code is further effective to:
send a request that includes one or more requested caller fields, the requested caller fields corresponding to the initiating caller number.
31. (Original) The computer program product of claim 30 wherein the software code is further effective to:
retrieve a call recipient agreement corresponding to the call recipient number;

select the requested caller fields included in the call recipient agreement; and

include the requested caller fields in the request.
32. (Original) The computer program product of claim 30 wherein the request is received by a service control point, and wherein the service control point is adapted to retrieve the caller attributes from a line information database and send the retrieved caller attributes back to the requestor.
33. (Original) The computer program product of claim 29 wherein the software code is further effective to:
receive an authorization request from an initiating caller prior to receiving the message, wherein the authorization request includes authorizations that identify one or more call recipients and caller data that are authorized to be

sent to the identified call recipients, the initiating caller corresponding to the initiating caller number; and store the authorizations in an authorization table entry.

34. (Original) The computer program product of claim 33 wherein the software code is further effective to:
- identify one or more requested caller fields corresponding to the initiating caller number;
 - detect whether one of the requested caller fields corresponds to sensitive caller data, the sensitive caller data corresponding to the initiating caller number;
 - check one or more authorization table entries corresponding to the initiating caller number in response to the detecting;
 - determine whether the call recipient is authorized to receive the sensitive caller data in response to the checking;
 - include one or more of the requested caller fields in a request in response to the determination; and
 - send the request to a service control point.
35. (Original) The computer program product of claim 34 wherein the software code is further effective to:
- log a caller data discrepancy in response to the determining, the caller data discrepancy including the requested caller fields corresponding to the sensitive caller data.

36. (Original) The computer program product of claim 33 wherein the authorization request includes a PIN, and wherein the software code is further effective to:
retrieve a stored PIN; and

compare the received PIN with the stored PIN wherein the receiving of authorizations is performed in response to successful comparison.
37. (Original) The computer program product as described in claim 33 wherein at least one of the authorizations is selected from the group consisting of a birth date, billing information, and a social security number.
38. (Original) The computer program product of claim 29 wherein the software code is further effective to:
determine that a call recipient agreement does not exist corresponding to the call recipient;

retrieve a counter corresponding to the call recipient;

increment the counter; and

store the incremented counter.
39. (Original) The computer program product of claim 29 wherein the software code is further effective to:
send the telephone call to the call recipient over the telephone network.
40. (Original) The computer program product of claim 29 wherein the computer network is a TCP/IP network.

41. (Original) The computer program product of claim 40 wherein the TCP/IP network includes the Internet.
42. (Cancelled)
43. A computer implemented method of providing caller information, said method comprising:
receiving a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;

retrieving the name of the initiating caller and one or more additional caller attributes corresponding to the initiating caller, wherein at least one of the additional caller attributes is selected from the group consisting of an address, billing information, service preferences, a birth date, and a social security number; and

sending the additional caller attributes to a call recipient over the telephone network, the call recipient corresponding to the call recipient number.
44. (Cancelled)
45. (Original) The method of claim 43 wherein the call recipient is adapted to display one or more of the additional caller attributes on a display.
46. (Currently Amended) An information handling system comprising:
one or more processors;

a memory accessible by the processors;

one or more nonvolatile storage devices accessible by the processors;

a telephone network; and

a caller information tool for providing caller information, the caller information tool comprising software code effective to:

receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over the telephone network;

retrieve the name of the initiating caller and one or more additional caller attributes corresponding to the initiating caller from one of the nonvolatile storage devices, wherein at least one of the additional caller attributes is selected from the group consisting of an address, billing information, service preferences, a birth date, and a social security number; and

send the additional caller attributes to a call recipient over the telephone network, the call recipient corresponding to the call recipient number.

47. (Cancelled)

48. (Original) The information handling system of claim 46 wherein the call recipient is adapted to display one or more of the additional caller attributes on a display.

49. (Currently Amended) A computer program product stored on a computer operable media for providing caller information, said computer program product comprising software code effective to:

receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;

retrieve the name of the initiating caller and one or more additional caller attributes corresponding to the initiating caller, wherein at least one of the additional caller attributes is selected from the group consisting of an address, billing information, service preferences, a birth date, and a social security number; and

send the additional caller attributes to a call recipient over the telephone network, the call recipient corresponding to the call recipient number.

50. (Cancelled)
51. (Original) The computer program product of claim 51 wherein the call recipient is adapted to display one or more of the additional caller attributes on a display.

C. REMARKS**Status of the Claims**

Claims 1-13, 15-27, 29-41, 43, 45, 46, 48, 49, and 51 are currently present in the Application, and claims 1, 15, 29, 43, 46, and 49 are independent claims. Claims 1, 15, 29, 43, 46, and 49 have been amended, claims 14, 28, 42, 44, 47, and 50 have been cancelled, and no claims have been added.

Allowable Subject Matter

Claims 3, 6-7, 9-10, 14, 17, 20-21, 23-24, 28, 31, 34-35, 37-38, 42, 44, 47, and 50 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. In order to expedite prosecution of the present Application, Applicants have amended independent claim 1 to include the limitations previously found in allowable, dependent claim 14, and have thus cancelled claim 14. Similarly, Applicants have amended independent claims 15, 29, 43, 46, and 49 to include the limitations previously found in allowable dependent claims 28, 42, 44, 47, and 50, respectively. Thus, dependent claim 28, 42, 44, 47, and 50 have also been cancelled. As a result of these amendments, Applicants respectfully submit that independent claims 1, 15, 29, 43, 46, and 49, and the claims which depend from them, are in condition for allowance. Therefore, Applicants respectfully request that claims 1-13, 15-27, 29-41, 43, 45, 46, 48, 49, and 51 be allowed.

Drawings

Applicants wish to thank the Examiner for accepting Applicants' formal drawings, filed with the Application on January 22, 2004.

Claim Rejections - Alleged Anticipation Under 35 U.S.C. § 102

Claims 1, 2, 5, 11-13, 15-16, 19, 25-27, 29, 30, 33, 39-41, 43, 45-56, 48-49, and 51 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Khakoo et al., U.S. Publication No. 2003/0133553 (hereinafter Khakoo). Applicants respectfully traverse the rejections under 35 U.S.C. § 102.

As noted above, independent claims 1, 15, 29, 43, 46, and 49 have been amended to include limitations previously found in allowable, dependent claims. Therefore, Applicants respectfully submit that independent claims 1, 15, 29, 43, 46, and 49, and the claims which depend from them, are in condition for allowance, and respectfully request that they be allowed.

Claim Rejections - Alleged Obviousness Under 35 U.S.C. § 103

Claims 8, 22, and 36 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Khakoo. Claims 4, 18, and 32 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Khakoo in view of Bedingfield, U.S. Patent No. 6,665,388 (hereinafter Bedingfield). Applicants respectfully traverse the rejections under 35 U.S.C. § 103.

As noted above, independent claims 1, 15, 29, 43, 46, and 49 have been amended to include limitations previously found in allowable, dependent claims. Therefore, Applicants respectfully submit that independent claims 1, 15, 29, 43, 46, and 49, and the claims which depend from them, are in condition for allowance, and respectfully request that they be allowed.

Conclusion

As a result of the foregoing, it is asserted by Applicants that the remaining claims in the Application are in condition for allowance, and Applicants respectfully request an early allowance of such claims.

Applicants respectfully request that the Examiner contact the Applicants' attorney listed below if the Examiner believes that such a discussion would be helpful in resolving any remaining questions or issues related to this Application.

Respectfully submitted,

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